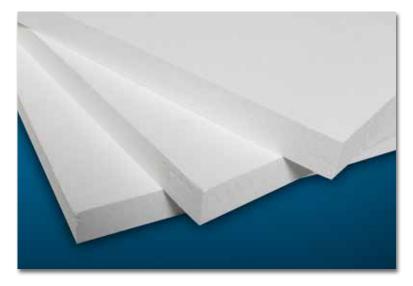


# **PROMASIL®-950KS**



#### High performance calcium silicates

PROMASIL®-950KS are lightweight insulation boards for wall protection of fire places and chimneys. The material complies to EN 13229 and is approved to DIN 18892 and 18895 (approval no. Z-43.14-139).

PROMASIL® materials can be produced as boards, pipe sections, segments, and cut sections.

| Technical data             |                   |                     |
|----------------------------|-------------------|---------------------|
| Colour                     |                   | white               |
| Building material class    | DIN 4102          | A1, non-combustible |
|                            | EN 13501-1        |                     |
| Classification temperature | °C                | 950                 |
| Bulk density               | kg/m³             | 245                 |
| Cold compressive strength  | N/mm <sup>2</sup> | 1.2                 |
| Thermal expansion          |                   |                     |
| 500 °C                     | %                 | max. 0.63           |
| Specific heat capacity     | kJ/kg K           | 0.88                |
| Thermal conductivity       |                   |                     |
| 200 °C                     | W/m K             | < 0.10              |
| 400 °C                     | W/m K             | 0.12                |
| 600 °С                     | W/m K             | 0.15                |

| Delivery sizes |    |  |
|----------------|----|--|
| Length         | mm | 1000   |
| Width          | mm | 500  |
| Thickness      | mm | 30 / 40 / 50 / 60 / 65 / 70 / 75 / 80 / 90 / 100 |

| Production tolerances |    |       |
|-----------------------|----|-------|
| Length and width      | mm | ± 1.5 |
| Thickness             | mm | ± 1.5 |



# PROMASIL®-950KS

## **Properties & advantages**

- low thermal conductivity
- low shrinkage
- low bulk density, lightweight
- good mechanical strength
- good workability
- flexible size format, thickness up to 100 mm
- shaped parts available including pipe sections and segments

### Working & processing

PROMASIL® can be easily worked and machined with woodworking tools wet and dry. Read and understand the safety information sheet.

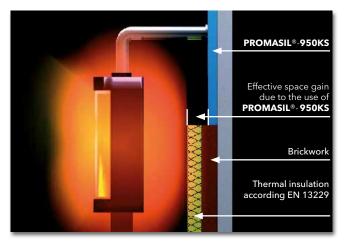
When cutting to size, the maximum workplace concentration values for inhalable dust must be observed. Dust extraction is recommended. See product safety information sheet.

#### **Application areas**

#### FIREPLACES AND CHIMNEYS

- wall insulation
- pipe insulation

#### Gaining space with PROMASIL®-950KS





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